




IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Kil, et al.	Group No.: 2171
Serial No.: 10/090,271	Examiner:
Filed: 03/04/2002	I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE service under 37 C.F.R. 1.10 on the date indicated below and is addressed to: Box IDS, Commissioner for Patents, Washington, D.C. 20231-0001:
For: HIERARCHICAL CHARACTERIZATION OF FIELDS FROM MULTIPLE TABLES WITH ONE-TO-MANY RELATIONS FOR COMPREHENSIVE DATA MINING	 Date: June 25, 2002 Exp. Mail No. <u>EL709888738US</u>
Attorney Docket No: 7648/82133 (00SC110)	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

RECEIVED

Commissioner For Patents  
Washington, D.C. 20231

JUL 01 2002  
Technology Center 2100

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents that may be material to the examination of this application is provided on the attached Form PTO-1449.

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood that the month of publication is not required when the particular month of publication is not in issue.

No inferences should be drawn that the attached list represents a comprehensive investigation, or that any material disclosed is equivalent to the subject invention.

The cited documents disclose numerous specific features. There has been no attempt to list each and every feature disclosed by each document. The Examiner is requested to review the documents and determine the extent of the materiality of the document disclosures with respect to the present invention.

The discussion of any art and the citation of any document herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, or that the art or document disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Serial No.: 10/090,271  
Filed: March 4, 2002

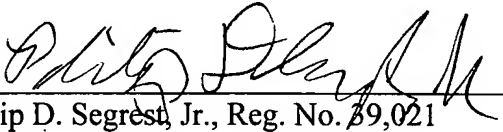
Supplemental Information Disclosure Statement

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and documents recited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

The recitation herein of the art and documents is not to be construed as an assertion that more pertinent art could not possibly be in existence.

While it is not believed that any fee is required, should any fee be required, the Commissioner is hereby authorized to charge it to Account No. 23-0920. A duplicate of this notice is attached.

Respectfully submitted,

By   
Philip D. Segrest, Jr., Reg. No. 39,021

Enclosures:  
Form PTO-1449  
( 94 patents)

Welsh & Katz, Ltd.  
22nd Floor  
120 South Riverside Plaza  
Chicago, Illinois 60606  
312/655-1500

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket No.  
7648/82133Serial No.  
10/090,271INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)Applicant(s)  
Kil, et al.Filing Date  
March 4, 2002Group No.  
2171

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,719,571	1/12/88	Rissanen, et al.			
	4,845,653	7/4/89	Conrad, et al.			
	4,875,589	10/24/89	Lacey, et al.			
	4,879,753	11/7/89	El-Sherbini			
	4,977,604	12/11/90	Chabries, et al.			
	5,018,215	5/21/91	Nasr, et al.			
	5,047,930	9/10/91	Martens, et al.			
	5,063,603	11/5/91	Burt			
	5,136,551	8/4/92	Armitage			
	5,175,814	12/29/92	Anick, et al.			
	5,197,005	3/23/93	Shwartz, et al.			
	5,251,131	10/5/93	Masand, et al.			
	5,257,349	10/26/93	Alexander			
	5,265,014	11/23/93	Haddock, et al.			
	5,287,110	2/15/94	Tran			
	5,321,613	6/14/94	Porter, et al.			
	5,331,554	7/19/94	Graham			
	5,404,513	4/4/95	Powers, et al.			

RECEIVED

JUL 01 2002

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket No.  
7648/82133Serial No.  
10/090,271


JUN. 25 2002  
PATENT & TRADEMARK OFFICE

### INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant(s)  
Kil, et al.Filing Date  
March 4, 2002Group No.  
2171

### U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,412,769	5/2/95	Maruoka et al.			
	5,414,838	5/9/95	Kolton, et al.			
	5,442,784	8/15/95	Powers, et al.			
	5,444,819	8/22/95	Negishi			
	5,454,064	9/26/95	Castelaz			
	5,455,952	10/3/95	Gjovaag			
	5,479,523	12/26/95	Gaborski, et al.			
	5,486,995	1/23/96	Krist, et al.			
	5,487,133	1/23/96	Park, et al.			
	5,544,281	8/6/96	Maruoka, et al.			
	5,544,355	8/6/96	Chaudhuri, et al.			
	5,555,408	9/10/96	Fujisawa, et al.			
	5,574,908	11/12/96	Harding, et al.			
	5,579,446	11/26/96	Naik, et al.			
	5,579,469	11/26/96	Pike			
	5,590,325	12/31/96	Kolton, et al.			
	5,608,861	3/4/97	Mead, et al.			
	5,615,341	3/25/97	Agrawal, et al.			

RECEIVED

JUL 01 2002

Technology Center 2100

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket No.  
7648/82133Serial No.  
10/090,271INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)Applicant(s)  
Kil, et al.Filing Date  
March 4, 2002Group No.  
2171

## U.S. PATENT DOCUMENTS

Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,615,367	3/25/97	Bennett, et al.			
	5,623,590	4/22/97	Becker, et al.			
	5,640,468	6/17/97	Hsu			
	5,661,666	8/26/97	Pawlak			
	5,661,696	8/26/97	Kimball, et al.			
	5,672,154	9/30/97	Sillen, et al.			
	5,675,711	10/7/97	Kephart, et al.			
	5,692,107	11/25/97	Simoudis, et al.			
	5,727,199	3/10/98	Chen, et al.			
	5,752,052	5/12/98	Richardson, et al.			
	5,761,639	6/2/98	Takebayashi, et al.			
	5,764,975	6/9/98	Taniguchi, et al.			
	5,778,357	7/7/98	Kolton, et al.			
	5,787,274	7/28/98	Agrawal, et al.			
	5,787,418	7/28/98	Hibbetts, et al.			
	5,787,425	7/28/98	Bigus			
	5,790,645	8/4/98	Fawcett, et al.			
	5,793,888	8/11/98	Delanoy			

## FOREIGN PATENT DOCUMENTS

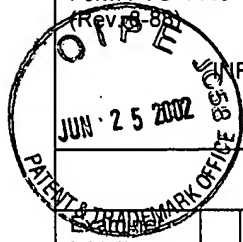
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket No.  
7648/82133Serial No.  
10/090,271INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)Applicant(s)  
Kil, et al.Filing Date  
March 4, 2002Group No.  
2171

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,794,178	8/11/98	Caid, et al.			
	5,801,688	9/1/98	Mead, et al.			
	5,802,254	9/1/98	Satou, et al.			
	5,826,258	10/20/98	Gupta, et al.			
	5,848,404	12/8/98	Hafner, et al.			
	5,883,635	3/16/99	Rao, et al.			
	5,884,016	3/16/99	Allen, et al.			
	5,884,305	3/16/99	Kleinberg, et al.			
	5,894,311	4/13/99	Jackson			
	5,923,330	7/13/99	Tarlton, et al.			
	5,924,089	7/13/99	Mocek, et al.			
	5,926,794	7/20/99	Fethe			
	5,930,784	7/27/99	Hendrickson			
	5,930,803	7/27/99	Becker, et al.			
	5,940,825	8/17/99	Castelli, et al.			
	5,941,981	8/24/99	Tran			
	5,966,139	10/12/99	Anupam, et al.			
	5,966,711	10/12/99	Adams			

RECEIVED

JUL 01 2002

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney Docket No.  
7648/82133Serial No.  
10/090,271INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)Applicant(s)  
Kil, et al.Filing Date  
March 4, 2002Group No.  
2171

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,970,482	10/19/99	Pham, et al.			
	5,974,412	10/26/99	Hazlehurst, et al.			
	5,983,220	11/9/99	Schmitt			
	5,987,470	11/16/99	Meyers, et al.			
	5,999,192	12/7/99	Selfridge, et al.			
	5,999,893	12/7/99	Lynch, Jr., et al.			
	6,018,341	6/27/00	Berry, et al.			
	6,021,215	2/1/00	Kornblit, et al.			
	6,032,146	2/29/00	Chadha, et al.			
	6,073,138	6/6/00	de l'Etraz, et al.			
	6,081,788		Appleman, et al.			
	6,090,630	7/18/00	Koakutsu, et al.			
	6,092,017	7/18/00	Ishida, et al.			
	6,097,382	8/1/00	Rosen, et al.			
	6,097,399	8/1/00	Bhatt, et al.			
	6,101,275	8/8/00	Coppersmith, et al.			
	6,108,004	8/22/00	Medl			
	6,108,686	8/22/00	Williams, Jr.			

RECEIVED  
JUL 01 2002  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Serial No.  
10/090.271

Rev. 8-88  
JUN. 25 2002  
PATENT & TRADEMARK OFFICE  
EX-108

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant(s)  
Kil, et al.

Filing Date  
March 4, 2002

Group No.  
2171

## U.S. PATENT DOCUMENTS

[illegible]

RECEIVED  
JUL 01 2002  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.